RESEARCH AND DEVELOPMENT, NEUCHATEL - QUARTERLY REPORT

DIVISION : PROCESS DEVELOPMENT

SUBJECT TITLE : NOLDE

PERIOD COVERED : APRIL - JUNE 1990

WRITTEN BY : Hofmann-H. (HHO)

KEYWORDS : nolde, burley, casing, temperature, profile, capacity, munich

---

OBJECTIVES

In view of the PM-USA/Europe Burley treatment standardization program requested by PM-EEC AOD for enhancement of product uniformity, trials are to be carried out in the Munich primary. The two process parameters concerned are :

a) Concentrated Burley spray

b) Lower drying temperature and profile change.

Test definition and process parameters are co-ordinated between QA and Process Development, analytical follow-up and subjective evaluation with local and HQ leaf departments.

STATUS

With reference to the Jan.-March status report the following activities have taken place:

- The Burley P&S dryer standardization/capacity increase test and reference runs were carried out in week 16/17 for ML010 (MLB-FR) and week 22/23 for PM010 (PMS).

  Cigarettes of both blends were analytically, physically and taste evaluated.

  The taste evaluation was performed for MLB-FR by panel A/B and PMS by the Munich expert panel. An evaluation report for MLB-FR has been issued by Munich, which will be followed by a final report for both blends.

- The Burley drying temperature profile for ML010 test and reference run was established. A more gentle drying in the first drying zone with the new profile (90-100-90 °C) can clearly be seen. The temperature graphs were issued to Munich QA.

2028634495

Source: https://www.industrydocuments.ucsf.edu/docs/lynm0000

Conclusion :

All objectives were achieved, i.e. :

a) Application of concentrated Burley spray.
b) Lower drying temperature and profile change.
c) 12% drying capacity increase.

No significant differences regarding physical and smoke parameters of tobacco and cigarettes were seen. Taste evaluation was positive.

Plans :

- Due to the future change of the Burley drying air temperature on all existing blends, a panel B taste-evaluation program will be established to ensure that all major blends are subjected to confirmation trials, which include a smoke and physical analysis.

- The temperature/profile change for all treated Burley blends will take place in August.

REFERENCES

(1) De Borst-E., to Friedrich-H., "Burley treatment processing specifications", November 20, 1989

(2) Schwarb-A., to Kipfstuhl-J., "PMG-Munich P&S dryer standardization", January 30, 1990

(3) Hofmann-H., to Fink-W., "Burley temperature profile", March 26, 1990

(4) Strobel-U., to Hofmann H., "Capacity increase of Burley Line and adjustment to US-standardisation", April 4, 1990

(5) Berney-J. to Strobel U., "Temperature profile", May 11,1990

(6) Strobel U. to Hofmann H.,"Burley standardisation and capacity increase, results of test", May 17, 1990

(7) De Borst-E. to Friedrich H. "Burley tests pmg, concentrated casing application", June 6, 1990

HHO/vag/July 5, 1990
nold290.qr

2028634496

Source: https://www.industrydocuments.ucsf.edu/docs/lynm0000